Author Index

Asai, K., see Kuzuya, M. (1084) 198

Ayala, A., Gordillo, E., Castaño, A., Lobato, M.-F. and Machado, A.
Involvement of diminution of glutathione, produced by deficiency of methionine in the diet, in the elevation of malic enzyme level in rat liver (1084) 48

Bass, D.A., see Bauldry, S.A. (1084) 178

Bauldry, S.A., Wykle, R.L. and Bass, D.A.
Differential actions of diacyl- and alkylacylglycerols in priming phospholipase A_2, 5-lipoxygenase and acetyltransferase activation in human neutrophils (1084) 178

Ben-Naim, M., see Stein, Y. (1084) 87

Bermel, M.M., see Turcotte, J.G. (1084) 1

Bézard, J., see Blond, J.P. (1084) 255

Blond, J.P. and Bézard, J.
Δ^5-Desaturation of dihomogammalinolenic acid (20:3($n-6$)) into arachidonic acid (20:4($n-6$)) by rat liver microsomes and incorporation of fatty acids in microsome phospholipids (1084) 255

Borgström, B., see Lindström, M.B. (1084) 194

Born, K.M., see Kushwaha, R.S. (1084) 300

Brooks, S.E., see Hoffman, L.M. (1084) 94

Byers, D.M., see George, T.P. (1084) 185

Castaño, A., see Ayala, A. (1084) 48

Chap, H., see Tercé, F. (1084) 69

Chilton, F.H., see Triggiani, M. (1084) 41

Christophersen, B., see Hagve, T.-A. (1084) 251

Clandinin, M.T., see Thomson, A.B.R. (1084) 122

Cook, H.W., see George, T.P. (1084) 185

Corey, E.J., see Laneuville, O. (1084) 60

Couture, R., see Laneuville, O. (1084) 60

Critchlow, M., see Davies, D.E. (1084) 29

Dabach, Y., see Stein, Y. (1084) 87

Daly, J.W., see Holbrook, P.G. (1084) 155

Darnell, J.C. and Saltiel, A.R.
Coenzyme A-dependent, ATP-independent acylation of 2-acyl lysophosphatidylinositol in rat liver microsomes (1084) 292

Darnell, J.C., Osterman, D.G. and Saltiel, A.R.
Fatty acid remodelling of phosphatidylinositol under conditions of de novo synthesis in rat liver microsomes (1084) 279

Darnell, J.C., Osterman, D.G. and Saltiel, A.R.
Synthesis of phosphatidylinositol in rat liver microsomes is accompanied by the rapid formation of lysophosphatidylinositol (1084) 269

Davies, D.E., Critchlow, M., Grainger, D.W., Reichert, A., Ringsdorf, H. and Lloyd, J.B.
Small unilamellar liposomes from mixed natural and polymeric phospholipids: stability and susceptibility to phospholipase A_2 (1084) 29

Dubertret, L., see Morlière, P. (1084) 261

Falk, P., Hoskins, L.C. and Larson, G.
Enhancing effects of bile salts on the degradation of glycosphingolipids by glycosidases from bacteria of the human fecal flora (1084) 139

Fernandez-Checa, J.C., see Takikawa, H. (1084) 247

Francis, G.A., Ko, K.W.S., Hara, H. and Yokoyama, S.
Regulation of the uptake of high-density lipoprotein-originated cholesteryl ester by HepG2 cells: role of low-density lipoprotein and plasma lipid transfer protein (1084) 159

Funaki, C., see Kuzuya, M. (1084) 198

Gardner, H.W.
Recent investigations into the lipoxygenase pathway of plants (1084) 221

George, T.P., Cook, H.W., Byers, D.M., Palmer, F.B.S.C. and Spence, M.W.
Inhibition of phosphatidylcholine and phosphatidylethanolamine biosynthesis by cytochalasin B in cultured glioma cells: potential regulation of biosynthesis by Ca^{2+}-dependent mechanisms (1084) 185

Goldman, D.W., see Triggiani, M. (1084) 41

Gordillo, E., see Ayala, A. (1084) 48

Grainger, D.W., see Davies, D.E. (1084) 29

Hagve, T.-A., Johansen, Y. and Christophersen, B.
The effect of $n-3$ fatty acids on osmotic fragility of rat erythrocytes (1084) 251

Hara, H., see Francis, G.A. (1084) 159

Hayashi, T., see Kuzuya, M. (1084) 198

Higashi, S., see Okuyama, H. (1084) 13

Higuchi, A., Kominami, S. and Takemori, S.
Kinetic control of steroidogenesis by steroid concentration in guinea pig adrenal microsomes (1084) 240

Hoffman, L.M., Brooks, S.E., Stein, M.R. and Schneck, L.
SV-40 transformation: effect on GM2 ganglioside in cultured cell lines (1084) 94

Holbrook, P.G., Pannell, L.K. and Daly, J.W.
Phospholipase D-catalyzed hydrolysis of phosphatidylcholine occurs with P–O bond cleavage (1084) 155

Hollander, G., see Stein, Y. (1084) 87

Hoskins, L.C., see Falk, P. (1084) 139

Hostetler, K.Y., see Van Wijk, G.M.T. (1084) 307

Hüppe, G., see Morlière, P. (1084) 261

Ishihara, H., Tamiya-Koizumi, K., Kuriki, H., Yoshida, S. and Kojima, K.
Growth-associated changes in fatty acid compositions of nuclear phospholipids of liver cells (1084) 53

Johansen, Y., see Hagve, T.-A. (1084) 251

Jonas, A.
Lecithin-cholesterol acyltransferase in the metabolism of high-density lipoproteins (1084) 205

Kameyama, Y., see Mizuno, M. (1084) 21

Kaplowitz, N., see Takikawa, H. (1084) 247

Kaya, K. and Sano, T.
Definition of total biosynthesis pathway of taurolipids in *Tetrahymena* cells (1084) 101

Keelan, M., see Thomson, A.B.R. (1084) 122

Ko, K.W.S., see Francis, G.A. (1084) 159

Kojima, K., see Ishihara, H. (1084) 53

Author Index

Asai, K., see Kuzuya, M. (1084) 198

Ayala, A., Gordillo, E., Castaño, A., Lobato, M.-F. and Machado, A.
Involvement of diminution of glutathione, produced by deficiency of methionine in the diet, in the elevation of malic enzyme level in rat liver (1084) 48

Bass, D.A., see Bauldry, S.A. (1084) 178

Bauldry, S.A., Wykle, R.L. and Bass, D.A.
Differential actions of diacyl- and alkylacylglycerols in priming phospholipase A_2, 5-lipoxygenase and acetyltransferase activation in human neutrophils (1084) 178

Ben-Naim, M., see Stein, Y. (1084) 87

Bermel, M.M., see Turcotte, J.G. (1084) 1

Bézard, J., see Blond, J.P. (1084) 255

Blond, J.P. and Bézard, J.
Δ^5-Desaturation of dihomogammalinolenic acid (20:3($n-6$)) into arachidonic acid (20:4($n-6$)) by rat liver microsomes and incorporation of fatty acids in microsome phospholipids (1084) 255

Borgström, B., see Lindström, M.B. (1084) 194

Born, K.M., see Kushwaha, R.S. (1084) 300

Brooks, S.E., see Hoffman, L.M. (1084) 94

Byers, D.M., see George, T.P. (1084) 185

Castaño, A., see Ayala, A. (1084) 48

Chap, H., see Tercé, F. (1084) 69

Chilton, F.H., see Triggiani, M. (1084) 41

Christophersen, B., see Hagve, T.-A. (1084) 251

Clandinin, M.T., see Thomson, A.B.R. (1084) 122

Cook, H.W., see George, T.P. (1084) 185

Corey, E.J., see Laneuville, O. (1084) 60

Couture, R., see Laneuville, O. (1084) 60

Critchlow, M., see Davies, D.E. (1084) 29

Dabach, Y., see Stein, Y. (1084) 87

Daly, J.W., see Holbrook, P.G. (1084) 155

Darnell, J.C. and Saltiel, A.R.
Coenzyme A-dependent, ATP-independent acylation of 2-acyl lysophosphatidylinositol in rat liver microsomes (1084) 292

Darnell, J.C., Osterman, D.G. and Saltiel, A.R.
Fatty acid remodelling of phosphatidylinositol under conditions of de novo synthesis in rat liver microsomes (1084) 279

Darnell, J.C., Osterman, D.G. and Saltiel, A.R.
Synthesis of phosphatidylinositol in rat liver microsomes is accompanied by the rapid formation of lysophosphatidylinositol (1084) 269

Davies, D.E., Critchlow, M., Grainger, D.W., Reichert, A., Ringsdorf, H. and Lloyd, J.B.
Small unilamellar liposomes from mixed natural and polymeric phospholipids: stability and susceptibility to phospholipase A_2 (1084) 29

Dubertret, L., see Morlière, P. (1084) 261

Falk, P., Hoskins, L.C. and Larson, G.
Enhancing effects of bile salts on the degradation of glycosphingolipids by glycosidases from bacteria of the human fecal flora (1084) 139

Fernandez-Checa, J.C., see Takikawa, H. (1084) 247

Francis, G.A., Ko, K.W.S., Hara, H. and Yokoyama, S.
Regulation of the uptake of high-density lipoprotein-originated cholesteryl ester by HepG2 cells: role of low-density lipoprotein and plasma lipid transfer protein (1084) 159

Funaki, C., see Kuzuya, M. (1084) 198

Gardner, H.W.
Recent investigations into the lipoxygenase pathway of plants (1084) 221

George, T.P., Cook, H.W., Byers, D.M., Palmer, F.B.S.C. and Spence, M.W.
Inhibition of phosphatidylcholine and phosphatidylethanolamine biosynthesis by cytochalasin B in cultured glioma cells: potential regulation of biosynthesis by Ca^{2+}-dependent mechanisms (1084) 185

Goldman, D.W., see Triggiani, M. (1084) 41

Gordillo, E., see Ayala, A. (1084) 48

Grainger, D.W., see Davies, D.E. (1084) 29

Hagve, T.-A., Johansen, Y. and Christophersen, B.
The effect of $n-3$ fatty acids on osmotic fragility of rat erythrocytes (1084) 251

Hara, H., see Francis, G.A. (1084) 159

Hayashi, T., see Kuzuya, M. (1084) 198

Higashi, S., see Okuyama, H. (1084) 13

Higuchi, A., Kominami, S. and Takemori, S.
Kinetic control of steroidogenesis by steroid concentration in guinea pig adrenal microsomes (1084) 240

Hoffman, L.M., Brooks, S.E., Stein, M.R. and Schneck, L.
SV-40 transformation: effect on GM2 ganglioside in cultured cell lines (1084) 94

Holbrook, P.G., Pannell, L.K. and Daly, J.W.
Phospholipase D-catalyzed hydrolysis of phosphatidylcholine occurs with P–O bond cleavage (1084) 155

Hollander, G., see Stein, Y. (1084) 87

Hoskins, L.C., see Falk, P. (1084) 139

Hostetler, K.Y., see Van Wijk, G.M.T. (1084) 307

Hüppe, G., see Morlière, P. (1084) 261

Ishihara, H., Tamiya-Koizumi, K., Kuriki, H., Yoshida, S. and Kojima, K.
Growth-associated changes in fatty acid compositions of nuclear phospholipids of liver cells (1084) 53

Johansen, Y., see Hagve, T.-A. (1084) 251

Jonas, A.
Lecithin-cholesterol acyltransferase in the metabolism of high-density lipoproteins (1084) 205

Kameyama, Y., see Mizuno, M. (1084) 21

Kaplowitz, N., see Takikawa, H. (1084) 247

Kaya, K. and Sano, T.
Definition of total biosynthesis pathway of taurolipids in *Tetrahymena* cells (1084) 101

Keelan, M., see Thomson, A.B.R. (1084) 122

Ko, K.W.S., see Francis, G.A. (1084) 159

Kojima, K., see Ishihara, H. (1084) 53

Kominami, S., see Higuchi, A. (1084) 240
Kroll, M.H., see Luzzatto, G. (1084) 78
Kuhlenkamp, J., see Takikawa, H. (1084) 247
Kuriki, H., see Ishihara, H. (1084) 53
Kushwaha, R.S. and Born, K.M.
Effect of estrogen and progesterone on the hepatic cholesterol 7α-hydroxylase activity in ovariectomized baboons (1084) 300
Kuzuya, F., see Kuzuya, M. (1084) 198
Kuzuya, M., Yamada, K., Hayashi, T., Funaki, C., Naito, M., Asai, K. and Kuzuya, F.
Oxidation of low-density lipoprotein by copper and iron in phosphate buffer (1084) 198

Laneuville, O., Corey, E.J., Couture, R. and Pace-Asciak, C.R.
Hepoxilin A_3 (HxA_3) is formed by the rat aorta and is metabolized into HxA_3-C, a glutathione conjugate (1084) 60
Larson, G., see Falk, P. (1084) 139
Lin, W.H., see Turcotte, J.G. (1084) 1
Lindström, M.B., Persson, J., Thurn, L. and Borgström, B.
Effect of pancreatic phospholipase A_2 and gastric lipase on the action of pancreatic carboxyl ester lipase against lipid substrates in vitro (1084) 194
Llorente, P., see Montero, C. (1084) 149
Lloyd, J.B., see Davies, D.E. (1084) 29
Lobato, M.-F., see Ayala, A. (1084) 48
Lu, Z., see Turcotte, J.G. (1084) 1
Luzzatto, G., Kroll, M.H., Zavoico, G.B. and Schafer, A.I.
Regulation of the phosphoinositide cycle by Na^+/H^+ exchange and intracellular pH in human platelets (1084) 78

MacDonald, J.I.S. and Sprecher, H.
Phospholipid fatty acid remodeling in mammalian cells (1084) 105
Machado, A., see Ayala, A. (1084) 48
Man, R.Y.K., see Mock, T. (1084) 167
Månsson, J.-E., see Percy, P. (1084) 173
Matsuda, S., Suzuki, H., Yoshimoto, T., Yamamoto, S. and Miyatake, A.
Analysis of non-heme iron in arachidonate 12-lipoxygenase of porcine leukocytes (1084) 202
Matsuoka, T., see Serizawa, N. (1084) 35
Mazière, J.-C., see Morlière, P. (1084) 261
Miyatake, A., see Matsuda, S. (1084) 202
Mizuno, M., Kameyama, Y. and Yokota, Y.
Ca^{2+}-independent phospholipase A_2 activity associated with secretory granular membranes in rat parotid gland (1084) 21
Mock, T. and Man, R.Y.K.
The catabolism of exogenous lysophosphatidylcholine in isolated perfused rat and guinea pig hearts: a comparative study (1084) 167
Montero, C. and Llorente, P.
Further studies on the purine phosphoribosyltransferase 'burst' velocity reaction (1084) 149
Morlière, P., Moysan, A., Santus, R., Hüppe, G., Mazière, J.-C. and Dubertret, L.
UVA-induced lipid peroxidation in cultured human fibroblasts (1084) 261
Moysan, A., see Morlière, P. (1084) 261
Murata, N., see Okuyama, H. (1084) 13

Naito, M., see Kuzuya, M. (1084) 198
Notter, R.H., see Turcotte, J.G. (1084) 1

Oette, K., see Stein, Y. (1084) 87
Okajima, N., see Okuyama, H. (1084) 13
Okuyama, H., Okajima, N., Sasaki, S., Higashi, S. and Murata, N.
The *cis* / *trans* isomerization of the double bond of a fatty acid as a strategy for adaptation to changes in ambient temperature in the psychrophilic bacterium, *Vibrio* sp. strain ABE-1 (1084) 13
Ookhtens, M., see Takikawa, H. (1084) 247
Osterman, D.G., see Darnell, J.C. (1084) 269
Osterman, D.G., see Darnell, J.C. (1084) 279

Pace-Asciak, C.R., see Laneuville, O. (1084) 60
Palmer, F.B.S.C., see George, T.P. (1084) 185
Pannell, L.K., see Holbrook, P.G. (1084) 155
Percy, A., see Percy, P. (1084) 173
Percy, P., Vilbergsson, G., Percy, A., Månsson, J.-E., Wennergren, M. and Svennerholm, L.
The fatty acid composition of placenta in intrauterine growth retardation (1084) 173
Persson, J., see Lindström, M.B. (1084) 194
Pivarnik, P.E., see Turcotte, J.G. (1084) 1
Powell, W.S., see Wang, T. (1084) 129

Record, M., see Tercé, F. (1084) 69
Reichert, A., see Davies, D.E. (1084) 29
Ribbes, G., see Tercé, F. (1084) 69
Ringsdorf, H., see Davies, D.E. (1084) 29
Rowley, A.F.
Lipoxin formation in fish leucocytes (1084) 303

Sacco, A.M., see Turcotte, J.G. (1084) 1
Saltiel, A.R., see Darnell, J.C. (1084) 269
Saltiel, A.R., see Darnell, J.C. (1084) 279
Saltiel, A.R., see Darnell, J.C. (1084) 292
Sano, T., see Kaya, K. (1084) 101
Santus, R., see Morlière, P. (1084) 261
Sasaki, S., see Okuyama, H. (1084) 13
Schafer, A.I., see Luzzatto, G. (1084) 78
Schneck, L., see Hoffman, L.M. (1084) 94
Serizawa, N. and Matsuoka, T.
A two component-type cytochrome *P*-450 monooxygenase system in a prokaryote that catalyzes hydroxylation of ML-236B to pravastatin, a tissue-selective inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A reductase (1084) 35
Shirali, S.S., see Turcotte, J.G. (1084) 1
Spence, M.W., see George, T.P. (1084) 185
Sprecher, H., see MacDonald, J.I.S. (1084) 105
Stein, M.R., see Hoffman, L.M. (1084) 94
Stein, O., see Stein, Y. (1084) 87
Stein, Y., Oette, K., Dabach, Y., Hollander, G., Ben-Naim, M. and Stein, O.
Metabolism of 3-[^{3}H]sphingosine sphingomyelin labeled with [^{14}C]palmitic or [^{14}C]linoleic acid by Hep G_2 cells and rat liver in vivo (1084) 87
Stolz, A., see Takikawa, H. (1084) 247
Suzuki, H., see Matsuda, S. (1084) 202
Svennerholm, L., see Percy, P. (1084) 173

Takemori, S., see Higuchi, A. (1084) 240
Takikawa, H., Fernandez-Checa, J.C., Kuhlenkamp, J., Stolz, A., Ookhtens, M. and Kaplowitz, N.
Effect of indomethacin on the uptake, metabolism and excretion of 3-oxocholic acid: studies in isolated hepatocytes and perfused rat liver (1084) 247
Tamiya-Koizumi, K., see Ishihara, H. (1084) 53
Tercé, F., Record, M., Tronchère, H., Ribbes, G. and Chap, H.
Cytidylyltransferase translocation onto endoplasmic reticulum and increased de novo synthesis without phosphatidylcholine accumulation in Krebs-II ascite cells (1084) 69
Thomson, A.B.R., Keelan, M. and Clandinin, M.T.
Feeding rats a diet enriched with saturated fatty acids prevents the inhibitory effects of acute and chronic ethanol exposure on the in vitro uptake of hexoses and lipids (1084) 122
Thurn, L., see Lindström, M.B. (1084) 194

Triggiani, M., Goldman, D.W. and Chilton, F.H.
Biological effects of 1-acyl-2-acetyl-*sn*-glycero-3-phosphocholine in the human neutrophil (1084) 41
Tronchère, H., see Tercé, F. (1084) 69
Turcotte, J.G., Lin, W.H., Pivarnik, P.E., Sacco, A.M., Shirali, S.S., Bermel, M.M., Lu, Z. and Notter, R.H.
Chemical synthesis and surface activity of lung surfactant phospholipid analogs. II. Racemic *N*-substituted diether phosphonolipids (1084) 1

Van den Bosch, H., see Van Wijk, G.M.T. (1084) 307
Van Wijk, G.M.T., Hostetler, K.Y. and Van den Bosch, H.
Lipid conjugates of antiretroviral agents: release of antiretroviral nucleoside monophosphates by a nucleoside diphosphate diglyceride hydrolase activity from rat liver mitochondria (1084) 307
Vilbergsson, G., see Percy, P. (1084) 173

Wang, T. and Powell, W.S.
Increased levels of monohydroxy metabolites of arachidonic acid and linoleic acid in LDL and aorta from atherosclerotic rabbits (1084) 129
Wennergren, M., see Percy, P. (1084) 173
Wykle, R.L., see Bauldry, S.A. (1084) 178

Yamada, K., see Kuzuya, M. (1084) 198
Yamamoto, S., see Matsuda, S. (1084) 202
Yokota, Y., see Mizuno, M. (1084) 21
Yokoyama, S., see Francis, G.A. (1084) 159
Yoshida, S., see Ishihara, H. (1084) 53
Yoshimoto, T., see Matsuda, S. (1084) 202

Zavoico, G.B., see Luzzatto, G. (1084) 78